



**Federal Communications Commission  
Wireless Telecommunications Bureau**

**Radio Station Authorization (Reference Copy)**

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**Licensee:** Cellco Partnership

ATTN Regulatory  
Cellco Partnership  
One Verizon Place (MC: GA3B1REG)  
Alpharetta, GA 30004-8511

<b>FCC Registration Number (FRN):</b> 0003290673	
<b>Call Sign:</b> KNKA404	<b>File Number:</b>
<b>Radio Service:</b> CL - Cellular	
<b>Market Number</b> CMA032	<b>Channel Block</b> A
<b>Sub-Market Designator</b> 0	

**Market Name**  
Hartford-New Britain-Bristol, CT

<b>Grant Date</b> 10/16/1987	<b>Effective Date</b> 08/26/2003	<b>Expiration Date</b> 01/22/2008	<b>Five Yr Build-Out Date</b> 10/16/1992	<b>Print Date</b> 01/19/2005
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**Site Information**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)		Antenna Structure Registration No.
1	41-26-35.4 N	072-30-22.3 W	157.0			
Address			City	County	State	Construction Deadline
0.3 miles NNW of the Intersection of Wig Hill Road & Plains Road			HADDAM	MIDDLESEX	CT	

<b>Antenna: 1 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	107.6	107.6	130.2	175.9	132.9	96.9	68.6	120.4

<b>Transmitting ERP (watts)</b>	67.260	99.160	43.690	5.250	0.640	0.500	1.290	13.330
<b>Antenna: 2 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	107.6	107.6	130.2	175.9	132.9	96.9	68.6	120.4
<b>Transmitting ERP (watts)</b>	0.500	2.580	24.860	84.530	87.790	26.860	2.630	0.500
<b>Antenna: 3 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	107.6	107.6	130.2	175.9	132.9	96.9	68.6	120.4
<b>Transmitting ERP (watts)</b>	14.740	1.260	0.500	0.510	4.690	41.660	96.320	70.060

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Ground Elevation</b> (meters)	<b>Structure Hgt to Tip</b> (meters)		<b>Antenna Structure Registration No.</b>		
2	41-53-33.3 N	072-15-38.3 W	286.8					
<b>Address</b>			<b>City</b>	<b>County</b>	<b>State</b>	<b>Construction Deadline</b>		
ATOP WHIFFORD HILL			WILLINGTON	TOLLAND	CT			

<b>Antenna: 1 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	86.9	67.7	138.7	167.3	155.1	148.4	132.9	119.5
<b>Transmitting ERP (watts)</b>	84.350	95.420	43.590	6.370	0.510	0.530	3.140	28.850
<b>Antenna: 2 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	86.9	67.7	138.7	167.3	155.1	148.4	132.9	119.5
<b>Transmitting ERP (watts)</b>	0.520	6.820	46.750	97.450	84.490	25.940	2.770	0.510
<b>Antenna: 3 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	86.9	67.7	138.7	167.3	155.1	148.4	132.9	119.5
<b>Transmitting ERP (watts)</b>	12.400	0.930	0.510	1.280	14.820	68.190	100.150	63.720

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Ground Elevation</b> (meters)	<b>Structure Hgt to Tip</b> (meters)		<b>Antenna Structure Registration No.</b>		
3	41-40-34.4 N	072-56-51.4 W	94.5	28.0				

Address	City	County	State	Construction Deadline
32 VALLEY STREET	BRISTOL	HARTFORD	CT	

<b>Antenna: 1 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	-56.1	38.3	50.2	45.0	-119.3	-72.7	-92.5	-128.7
<b>Transmitting ERP (watts)</b>	79.430	83.180	18.620	0.930	0.030	0.020	0.830	16.220
<b>Antenna: 2 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	-56.1	38.3	50.2	45.0	-119.3	-72.7	-92.5	-128.7
<b>Transmitting ERP (watts)</b>	0.040	1.450	23.990	91.200	72.440	12.020	0.500	0.010
<b>Antenna: 3 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	-56.1	38.3	50.2	45.0	-119.3	-72.7	-92.5	-128.7
<b>Transmitting ERP (watts)</b>	4.790	0.170	0.010	0.190	4.170	44.670	100.000	46.770

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	41-57-47.3 N	072-44-26.3 W			
Address		City	County	State	Construction Deadline
Newgate Road		East Granby	HARTFORD	CT	

<b>Antenna: 1 Azimuth</b> (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
<b>Antenna Height AAT</b> (meters)	156.7	187.4	193.6	191.4	175.7	134.4	22.9	66.2
<b>Transmitting ERP (watts)</b>	21.000	19.000	24.000	19.000	21.000	47.000	74.000	47.000

## Control Points

Control Point No.	Address	City	County	State	Telephone Number
1	180 WASHINGTON VALLEY ROAD	BEDMINSTER		NJ	(800)852-2671

Control Point No.	Address	City	County	State	Telephone Number
2	482 PIDGEON HILL ROAD	WINDSOR		CT	(860)688-5901

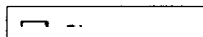
**Waivers/Conditions**

None

**Conditions**

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 706.

**FCC 601 - C**  
**August 2002**



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Wireless Telecommunications Bureau**

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One Verizon Place (MC: GA3B1REG)  
Alpharetta, GA 30004-8511

<b>FCC Registration Number (FRN):</b> 0003290673	
<b>Call Sign:</b> KNLH251	<b>File Number:</b>
<b>Radio Service:</b> CW - PCS Broadband	

Grant Date	Effective Date	Expiration Date	Print Date
06/27/1997	08/27/2003	06/27/2007	01/19/2005

<b>Market Number:</b> BTA184	<b>Channel Block:</b> F	<b>Sub-Market Designator:</b> 0
<b>Market Name:</b> Hartford, CT		

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
06/27/2002			

**Special Conditions or Waivers/Conditions** This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

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Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 706.

A graphical representation of the geographic area authorized to this call sign may be generated by selecting 'License Search' at the following web address: <http://www.fcc.gov/wtb/uls/>.

**FCC 601 - MB  
September 2002**

